



Docket No. 8007-1067
Appln. No. 10/500,935

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) Magnetite particles containing comprising 0.1 to 1% by mass of phosphorus, having wherein, said particles have a coercive force of 10 to 25 kA/m in an applied magnetic field of 796 kA/m and having an octahedral shape.

2. (currently amended) Magnetite The magnetite particles according to claim 1, which wherein said particles have an average particle size of 0.05 to 0.3 μ m.

3. (new) The magnetite particles according to claim 1, wherein said particles have a coercive force of 10 to 20 kA/m in an applied magnetic field of 79.6 kA/m.

4. (new) The magnetite particles according to claim 1, wherein said particles have a residual magnetization of 10 to 20 Am²/kg in an applied magnetic field of 79.6 kA/m.

5. (new) Magnetite particles comprising:
0.1 to 1% by mass of phosphorus;
a residual magnetization of 10 to 20 Am²/kg in an applied magnetic field of 79.6 kA/m; and
an octahedral shape.

6. (new) The magnetite particles according to claim 5, wherein said particles have a coercive force of 10 to 25 kA/m in an applied magnetic field of 796 kA/m.

7. (new) The magnetite particles according to claim 5, wherein said particles have a coercive force of 10 to 20 kA/m in an applied magnetic field of 79.6 kA/m.

8. (new) Magnetite particles comprising:
0.1 to 1% by mass of phosphorus;
a specific surface area of 8.8 to 15 m²/g;
a residual magnetization of 14.6 to 20 Am²/kg in an applied magnetic field of 79.6 kA/m; and
an octahedral shape.

9. (new) The magnetite particles according to claim 8, further comprising a residual magnetization of 18.9 to 25 Am²/kg in an applied magnetic field of 796 kA/m.

10. (new) The magnetite particles according to claim 8, further comprising a coercive force of 19.1 to 25 kA/min in an applied magnetic field of 796 kA/m and a coercive force of 16.2 to 20 kA/min in an applied magnetic field of 79.6 kA/m.